Intelligent UV-Visible Spectrophotometer LX400IVS

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Description

Intelligent UV-Visible Spectrophotometer LX400IVS is an IT series spectrophotometer that adopts cloud technology through which data can be easily saved in cloud storage. A High-resolution C-T monochromator with blazed holographic grating and a 24-bit high-accuracy chip allows the instrument to have high accuracy, stability, and low stray light, all are the characteristics of high-end spectrophotometers.

Specifications

Optical system	Single beam
Monochromator	C-T monochromator, blazed holographic grating 1200 lines/nm
Wavelength range	340-1020 nm
Spectral bandwidth	4nm (2nm Optional)
Wavelength setting	Manual
Wavelength accuracy	±2 nm
Wavelength repeatability	±1 nm
Photometric accuracy	±0.5%T, ±0.004A(0-0.5A), ±0.008A(0.5-1A)
Photometric repeatability	±0.5%T, ±0.004A(0-0.5A), ±0.008A(0.5-1A)
Photometric stability	±0.15%T, ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Lamp switching mode	Auto, 340nm
Photometric range	0-200%T, -0.3~3A
Stray light	0.1%T
Stability	0.002A (500nm, 3min)
Work mode	T, A, C
Display	7" high definition 1024*768 touch screen
Light source	Imported tungsten lamp
Detector	Silicon photodiode
Cuvette holder	10mm manual 4-cell holder

Output	USB, Bluetooth, WIFI
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping size	700 x 680 x 340 mm
Gross weight	20 kg

Features

- Having cloud technology
- Designed with high resolution (1024*768) dot matrix 7 inches color touch LCD display
- With its extensive storage capacity, the series can hold 2000 data points and 97 working curves
- The instrument offers USB interface, WIFI and Bluetooth module
- USB flash drive is used for saving and transferring data
- Encourage both quantitative and photometric measurements

Applications

- Used in fields of material research, pharmaceutical analysis, biochemical and clinical testing, water quality analysis and control, food safety testing, etc.

Standard Accessories

- lass cuvette 10mm / 1 set of 4
- Quartz cuvette 10mm / 1 set of 2 (UV)
- Power cord

Optional Accessories

- Auto 8-cell changer
- Auto 5-cell changer
- Film holder
- Tube holder
- PC software
- Wireless bluetooth printer

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